



CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

ADDENDUM NO. 1

DATE: June 26, 2015

Contract 14-C-00042; Melrose Pump Station Rehabilitation

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: The Bid Date is hereby changed to July 7, 2015

Item 2: Replace Plan sheets 3, 4, 7, 8, and 19 with the revised sheets attached.

Item 3: The Pre-Bid Conference Sign-In Sheet is attached.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.

Jim Greiner

Jim Greiner, P.E.
Contract Management Supervisor

DEMOLITION NOTES

- D-1. SALVAGEABLE MATERIAL, AS DETERMINED BY DEPARTMENT PERSONNEL, SHALL BE DELIVERED TO THE PARTS WAREHOUSE LOCATED ON THE TREATMENT PLANT SITE. NON-SALVAGEABLE MATERIALS ARE TO BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. IN GENERAL, ALL PUMP AND CONTROLS EQUIPMENT SHALL REMAIN PROPERTY OF THE CITY AND BE CONSIDERED SALVAGEABLE.
- D-2. THE CONSTRUCTION SITE SHALL BE MAINTAINED IN AS NEAT AND ORDERLY CONDITION AS POSSIBLE DURING CONSTRUCTION OPERATIONS. SITE SHALL BE SECURED WITH TEMPORARY FENCING AND STRUCTURES DURING HOURS WHEN CONTRACTOR IS NOT PRESENT TO ENSURE SAFETY OF CITY EMPLOYEES AND THE PUBLIC.
- D-3. CONTRACTOR SHALL RESTORE ALL LANDSCAPING, SODDING, SPRINKLER SYSTEM PIPING AND PAVEMENT THAT MAY HAVE BEEN DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION OR BETTER. CONTRACTOR SHALL SOD ALL UNPAVED AREAS.
- D-4. THE CITY DOES NOT BELIEVE ASBESTOS IS PRESENT IN THE BUILDING. PER EPC REQUIREMENTS, CONTRACTOR WILL BE REQUIRED TO PROCURE A THIRD PARTY ASBESTOS SURVEY FROM A LICENSED ASBESTOS CONSULTANT. DEMOLITION OF PUMP STATION BUILDING CANNOT BEGIN UNTIL (3) WEEKS AFTER THE ASBESTOS SURVEY IS SUBMITTED TO THE ENGINEER. THE CITY WILL FURNISH EPC WITH THE REQUIRED NOTIFICATION. IF THE SURVEY DISCOVERS THE PRESENCE OF ASBESTOS, THE CITY WILL UTILIZE CONTINGENCY FUNDS FOR THE ASBESTOS REMOVAL IN ACCORDANCE WITH EPC STANDARDS.
- D-5. THE CITY DOES NOT BELIEVE LEAD PAINT IS PRESENT IN THE BUILDING. PER EPC REQUIREMENTS, CONTRACTOR WILL BE REQUIRED TO PROCURE A THIRD PARTY LEAD PAINT SURVEY FROM A CERTIFIED LEAD PAINT INSPECTION CONSULTANT. DEMOLITION OF PUMP STATION BUILDING CANNOT BEGIN UNTIL (3) WEEKS AFTER THE LEAD PAINT SURVEY IS SUBMITTED TO THE ENGINEER. THE CITY WILL FURNISH EPC WITH THE REQUIRED NOTIFICATION. IF THE SURVEY DISCOVERS THE PRESENCE OF LEAD PAINT, THE CITY WILL UTILIZE CONTINGENCY FUNDS FOR THE LEAD PAINT REMOVAL IN ACCORDANCE WITH EPC STANDARDS.

GENERAL NOTES

- G-1. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE CONTRACT ADMINISTRATION DEPARTMENT, WASTEWATER PERSONNEL AND PUMPING STATION OPERATIONS.
- G-2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHT-OF-WAY PERMITS FOR THE PUMPING STATION WORK.
- G-3. THE CITY WILL OBTAIN ALL NECESSARY BUILDING PERMITS AND FDEP WASTEWATER PERMITS.
- G-4. CONTRACTOR SHALL CALL SUNSHINE (1-800-432-4770) AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- G-5. NORMAL WORKING HOURS SHALL BE WEEKDAYS FROM 7:30 AM TO 4:00 PM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- G-6. TWO NEW PUMPS SHALL BE SUPPLIED FOR THIS PROJECT. PROPOSED PUMPS ARE FLYGT, MODEL NP-3102.185, 4-INCH, 5 HP, WITH 172mm IMPELLERS. PUMPS SHALL BE SUPPLIED WITH FLYGT MIX-FLUSH VALVES. ALL PROPOSED PUMP BASES SHALL BE 4-INCH DIAMETER DISCHARGE ELBOWS. PUMPS SHALL BE RATED FOR 280 GPM AT 32 FT TDH. THIS EQUIPMENT IS A STANDARDIZED ITEM AT THIS FACILITY AND NO "OR EQUAL" SUBMITTALS WILL BE CONSIDERED.
- G-7. CONTRACTOR SHALL VERIFY QUANTITIES OF ALL NECESSARY PIPES, REDUCERS, FITTINGS, SUPPORTS, AND ANY MISCELLANEOUS BRACKETS.
- G-8. DIMENSIONS SHOWN ARE NOT NECESSARILY ACCURATE TO THE DEGREE REQUIRED FOR FABRICATION. EXISTING DIMENSIONS AND VIEWS ARE SHOWN BASED ON THE BEST INFORMATION AVAILABLE. CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT DIMENSIONS AND REFLECT THEM ON DETAILED SHOP DRAWINGS FOR APPROVAL BEFORE ANY FABRICATION.
- G-9. SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED BY THE CITY FOR ALL PROPOSED ITEMS. ALL SUBMITTALS AND SHOP DRAWINGS SHALL BE ORIGINALS OR HIGH QUALITY COPIES (CLEARLY LEGIBLE). NO FAXED SHEETS OR POOR QUALITY COPIES WILL BE ACCEPTED FOR SUBMITTAL REVIEW.
- G-10. PUMP DISCHARGE PIPING IN WET WELL SHALL BE 6-INCH DIAMETER HDPE, SDR-11, GREEN STRIPE, DIPS-OD. HDPE JOINTS SHALL BE FLANGED WITH 316 SS BACK UP RINGS.
- G-11. PLUG VALVES SHALL BE DEZURIK, PEF 100% PORT, ECCENTRIC PLUG VALVES OR APPROVED EQUAL. ALL ABOVE GROUND PLUG VALVES SHALL BE PROVIDED WITH 2" NUTS AND NO HANDWHEELS.
- G-12. CHECK VALVES SHALL BE APCO RUBBER FLAPPER SWING CHECK VALVES, SERIES 100. THIS EQUIPMENT IS A STANDARDIZED ITEM AT THIS FACILITY AND NO "OR EQUAL" SUBMITTALS WILL BE CONSIDERED.
- G-13. ALL HARDWARE, UNLESS OTHERWISE NOTED, SHALL BE TYPE 316 STAINLESS STEEL.
- G-14. PIPE SUPPORTS SHALL BE CONSTRUCTED AS SHOWN IN THE PIPE SUPPORT DETAIL.
- G-15. ALL CEMENTITIOUS CONCRETE AND GROUT, UNLESS OTHERWISE NOTED, SHALL BE CLASS "B", 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. ALL REINFORCING STEEL SHALL BE GRADE 60.
- G-16. OSHA STANDARD SAFETY EQUIPMENT SUCH AS SAFETY HARNESSSES, GAS MONITORS, LOWER EXPLOSIVE LIMIT (LEL) DETECTORS, BREATHING APPARATUS, ETC. SHALL BE UTILIZED WHERE THE WORK DICTATES THEIR USE.
- G-17. ALL METAL PIPE, FITTINGS, VALVES, ETC. SHALL RECEIVE:
 - 1) SHOP COAT - ONE COAT, 4-6 MILS (DRY) TNEMEC N140-1211 EPOXY PRIMER.
 - 2) FIELD COAT - ONE COAT, 5-7 MILS (DRY) TNEMEC SERIES 446 PERMA-SHIELD MCU
 - 3) FIELD COAT
 - A) ABOVE GRADE : ONE COAT, 4-6 MILS (DRY) TNEMEC 1074U ENDURASHIELD (WITH FACTORY ADDED UV BLOCKER)
 - B) BELOW GRADE : ONE COAT, 5-7 MILS (DRY) TNEMEC SERIES 446 PERMA-SHIELD MCU
- G-18. BACKFILL (NO CLAY OR CLAYEY MATERIAL) SHALL BE COMPACTED IN 6-INCH LAYERS (MAX.) TO 98% MAXIMUM DRY DENSITY OF MODIFIED PROCTOR IN CONFORMANCE WITH AASHTO T-180, METHOD A.

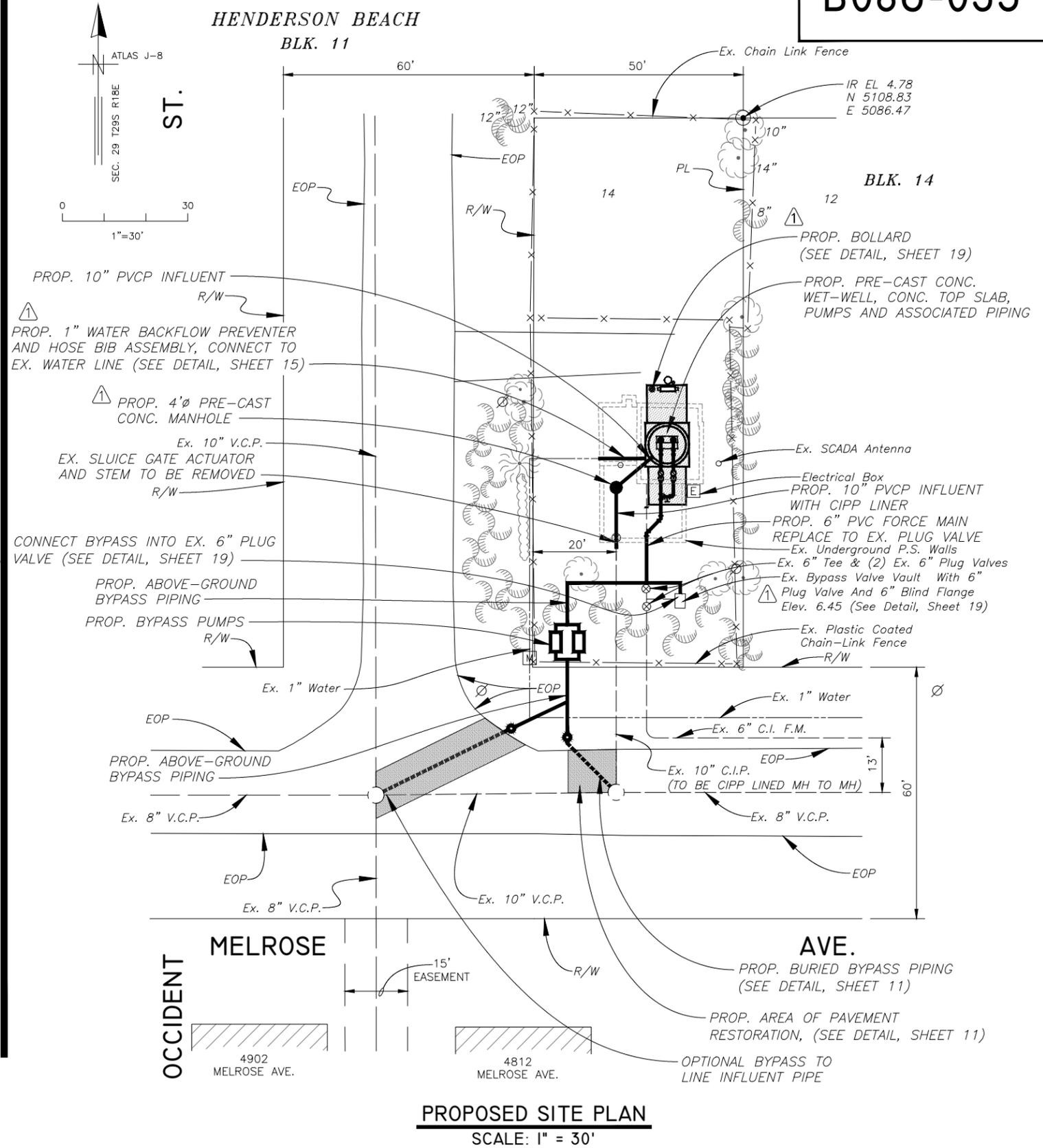
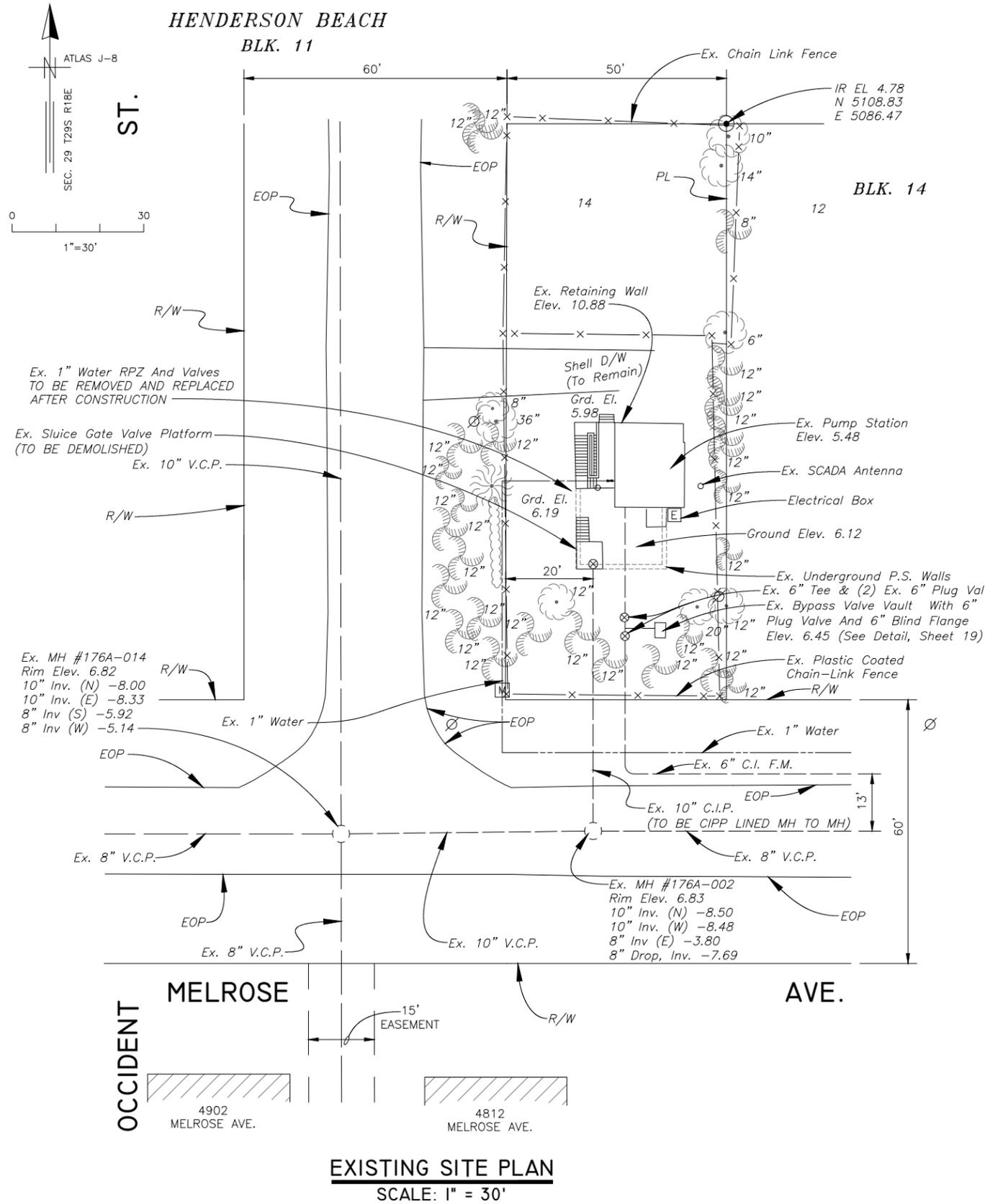
- G-21. ALL CONCRETE PAVEMENT, UNLESS OTHERWISE NOTED, SHALL BE MIN 6" THICK CONCRETE WITH 4X4 W6XW6 WWF STEEL REINFORCEMENT. CONCRETE SHALL BE CONSTRUCTED ON COMPACTED SUBBASE (MINIMUM 98% MODIFIED PROCTOR) WITH 1.5" DEEP CONTROL JOINTS SAWCUT @ 15' MAX, CUT WITHIN 12 HRS OF CONCRETE PLACEMENT.
- G-22. CONTRACTOR TO SUBMIT METHOD FOR 100% WATERTIGHT SEALING AT PIPE PENETRATIONS THROUGH STRUCTURES. PROPOSED LINK SEAL OR APPROVED EQUAL.
- G-23. CONTRACTOR SHALL PROVIDE A REDUCED PRESSURE BACKFLOW-PREVENTION DEVICE IN WATER SERVICE LINE, AS SHOWN IN DETAILS, AT A PLACE TO BE SPECIFIED DURING CONSTRUCTION. BACKFLOW PREVENTION DEVICE SHALL BE 1" WILKINS, MODEL #975 XL, OR EQUAL.
- G-24. ALUMINUM ACCESS COVERS SHALL BE DESIGNED FOR A PEDESTRIAN LIVE LOADING OF 300 PSF WITH 316 STAINLESS STEEL HARDWARE, HINGES AND AUTOMATIC HOLD-OPEN ARM AS MANUFACTURED BY US FOUNDRY AND MANUFACTURING CORPORATION OR APPROVED EQUAL. THE PUMP ACCESS COVER SHALL BE A DOUBLE DOOR ARRANGEMENT WITH AN ANGLE FRAME FOR AN OVERALL OPENING OF 5 FT BY 3 FT. THE ACCESS DOOR SHALL ALSO BE EQUIPPED WITH A FLUSH LIFTING HANDLE, TAMPERPROOF FASTENERS AND EXPOSED PADLOCK STAPLES.
- G-25. THE ACCESS COVER SHALL CLOSE FLUSH WITH THE FRAME. ALL ALUMINUM SURFACES THAT CONTACT CONCRETE SHALL BE COATED WITH TWO COATS OF COAL TAR EPOXY OR BITUMINOUS COATING OR EQUAL. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS DETAILING THE INSTALLATION AND CONFIGURATION OF THE ACCESS COVERS.
- G-26. PROPOSED PRECAST WET WELL SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C-76, CLASS II WALL B. MINIMUM STEEL REINFORCEMENT SHALL BE INNER CAGE .57 IN²/FT AND OUTER CAGE .34 IN²/FT. (SEE SPECIFICATIONS)
- G-27. ALL DIP PIPE AND FITTING SHALL BE CLASS 53 WITH PROTECTO 401 INTERIOR COATING.
- G-28. PVC GRAVITY PIPE AND FITTINGS AND PVC FM PIPE AND FITTINGS SHALL BE C-900 (DR-18).
- G-29. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL TREES WITHIN THE VICINITY OF THE PROPOSED CONSTRUCTION IN ACCORDANCE WITH CHAPTER 13 OF THE CITY OF TAMPA CODE. PRUNING OF BRANCHES IS NOT AUTHORIZED WITHOUT PRIOR APPROVAL FROM THE CITY OF TAMPA PLANNING AND DEVELOPMENT DEPARTMENT, NATURAL RESOURCE SECTION, AND SHALL BE COMPLETED BY A CERTIFIED ARBORIST. EXCAVATION WITHIN THE PROTECTIVE RADIUS OF TREES WILL REQUIRE ROOT PRUNING WITH THE APPROPRIATE EQUIPMENT TO ASSURE ROOTS ARE SEVERED CLEAN AT THE APPROVED RADIUS. FOR QUESTIONS REGARDING THESE REQUIREMENTS, PLEASE CONTACT THE PLANNING AND DEVELOPMENT DEPARTMENT, NATURAL RESOURCE SECTION AT 274-3100, OPTION 4, OR 1400 N. BOULEVARD, TAMPA, FLORIDA 33607.
- G-30. CONTRACTOR SHALL RESTORE ALL LANDSCAPING, SODDING, SPRINKLER SYSTEM PIPING, PAVEMENT AND FENCING THAT MAY HAVE BEEN DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION OR BETTER.
- G-31. THE PROPOSED CURED IN PLACE PIPE LINER SHALL BE FOR THE 10" DIA. INFLUENT PIPE WITH A 7.5 MM THICKNESS AND INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

BYPASS PUMPING NOTES

- B-1. SEWER SERVICE TO CUSTOMERS SHALL NOT BE DISRUPTED DURING CONSTRUCTION. CONTRACTOR SHALL SUBMIT DETAILED PROPOSAL FOR BYPASS PUMPING STRATEGY.
- B-2. BYPASS PUMPS SHALL BE CAPABLE OF 280 GPM. THE BYPASS PUMPS SHALL BE OF THE SELF PRIMING QUIET FLOW TYPE PUMPS. THE PUMPS SHALL SUCTION FROM A MIN. 8" PIPE CORED INTO THE SIDE OF THE MANHOLE IN MELROSE AVE. (SEE DETAIL, SHEET 11) AND DISCHARGE INTO THE EX. 6" FM.
- B-3. BYPASS PUMPS NOISE SHALL STRICTLY COMPLY TO ALL LOCAL REGULATIONS AND ORDINANCES COVERING NOISE CONTROL THIS MAY REQUIRE CONSTRUCTING SOUND ATTENUATING ENCLOSURE AROUND PUMPS AND UTILIZATION OF ELECTRIC PUMP MOTORS MAY BE NECESSARY TO MEET THESE REQUIREMENTS.
- B-4. NOTE DELETED
- B-5. IN ORDER TO MINIMIZE BYPASS PUMPING DURATION, CONTRACTOR SHALL HAVE ALL PROPOSED MATERIALS AND EQUIPMENT ON-SITE BEFORE PLACING PUMPING STATION ON BYPASS.

Layout- Sheet-3; Last Saved: Jun 26, 2015 - 11:41am

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>06/26/15</td> <td>ADDED NOTE D-5, REVISED NOTES D-1, G-26, G-29 & B-4</td> </tr> </tbody> </table>	No.	DATE	REVISIONS	3			2			1	06/26/15	ADDED NOTE D-5, REVISED NOTES D-1, G-26, G-29 & B-4	DES: CB DRN: BB CKD: DATE:	CITY of TAMPA WASTEWATER DEPARTMENT	MELROSE AVENUE PUMPING STATION REPLACEMENT GENERAL NOTES, DEMOLITION NOTES AND CONSTRUCTION SEQUENCE	W.O.1000061 SHEET 3
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No.	DATE	REVISIONS
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1	06/26/15	REVISED MANHOLE TYPE, WATER CONNECTION, AND BYPASS CONNECTION

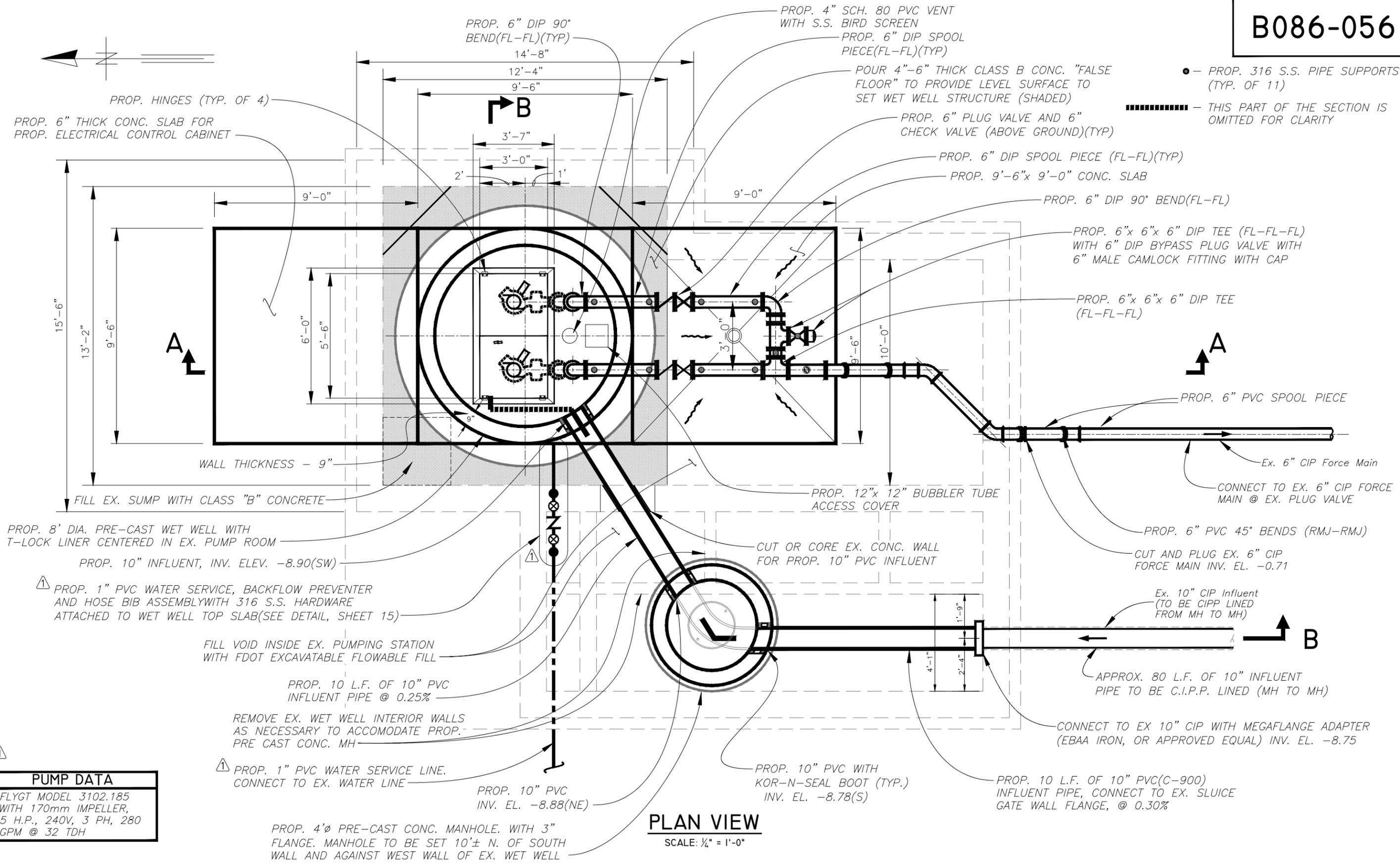
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CITY of TAMPA
WASTEWATER DEPARTMENT

MELROSE AVE. PUMPING STATION
REPLACEMENT
EXISTING AND PROPOSED SITE PLANS

W.O.1000061
SHEET
4

JACINTO CARLOS FERRAS, P.E. #49454
DESIGN DIVISION HEAD
WASTEWATER DEPARTMENT



- - PROP. 316 S.S. PIPE SUPPORTS (TYP. OF 11)
- ▬ - THIS PART OF THE SECTION IS OMITTED FOR CLARITY

PLAN VIEW

SCALE: 1/4" = 1'-0"

PUMP DATA	
FLYGT MODEL 3102.185	
WITH 170mm IMPELLER,	
5 H.P., 240V, 3 PH, 280	
GPM @ 32 TDH	

No.	DATE	REVISIONS
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1	06/26/15	ADDED PROPOSED WATER CONNECTION LINES AND NOTES & PUMP DATA

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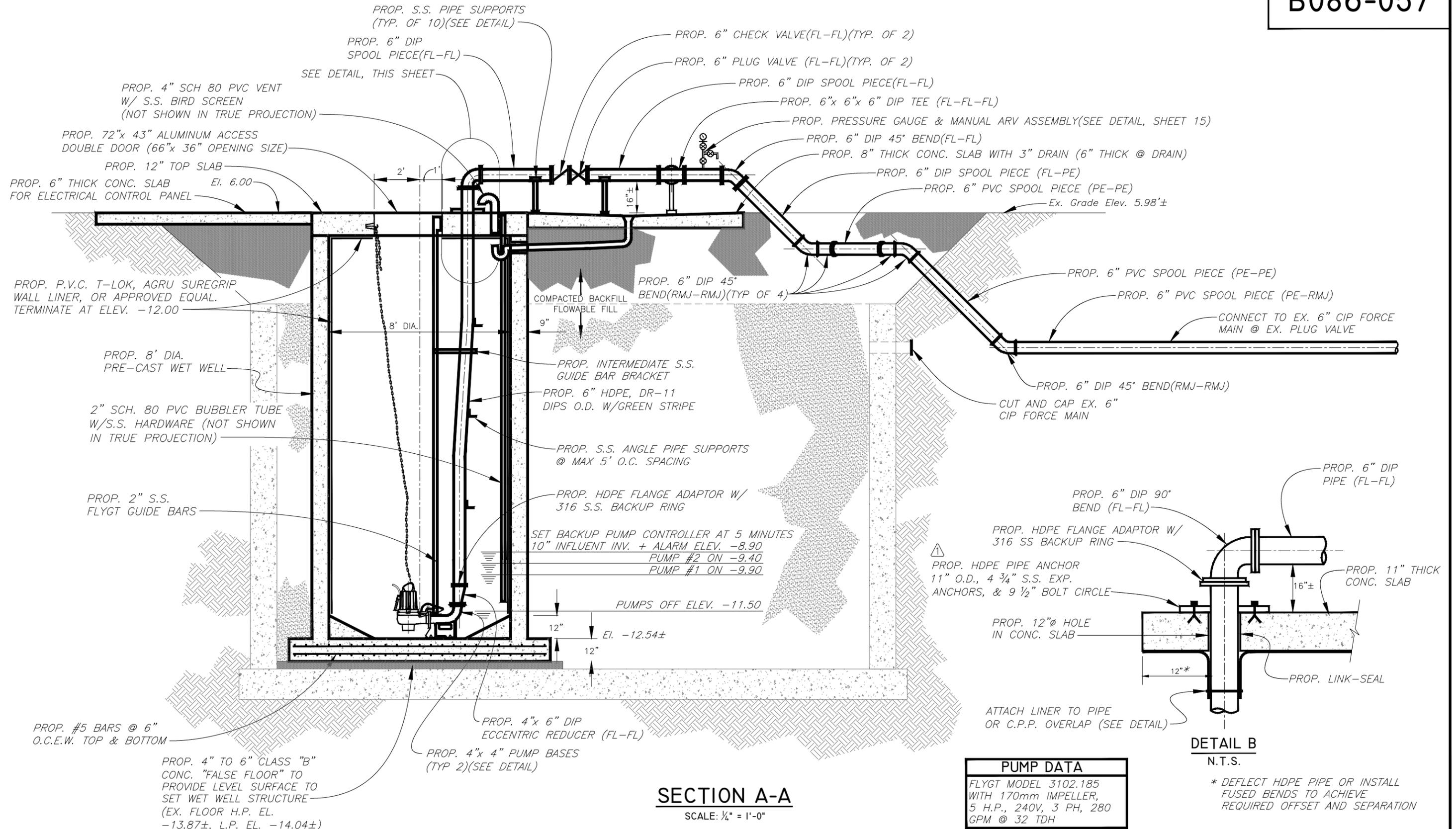
CITY of TAMPA
 WASTEWATER DEPARTMENT

MELROSE AVENUE PUMPING STATION
 REPLACEMENT
 PROPOSED PLANS - PLAN VIEW

W.O.1000061
 SHEET
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JACINTO CARLOS FERRAS, P.E. #49454
 DESIGN DIVISION HEAD
 WASTEWATER DEPARTMENT



SECTION A-A

SCALE: 1/4" = 1'-0"

PUMP DATA	
FLYGT MODEL	3102.185
WITH IMPELLER,	170mm
5 H.P., 240V, 3 PH, 280	
GPM @ 32 TDH	

DETAIL B
N.T.S.

* DEFLECT HDPE PIPE OR INSTALL FUSED BENDS TO ACHIEVE REQUIRED OFFSET AND SEPARATION

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JACINTO CARLOS FERRAS, P.E. #49454
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WASTEWATER DEPARTMENT

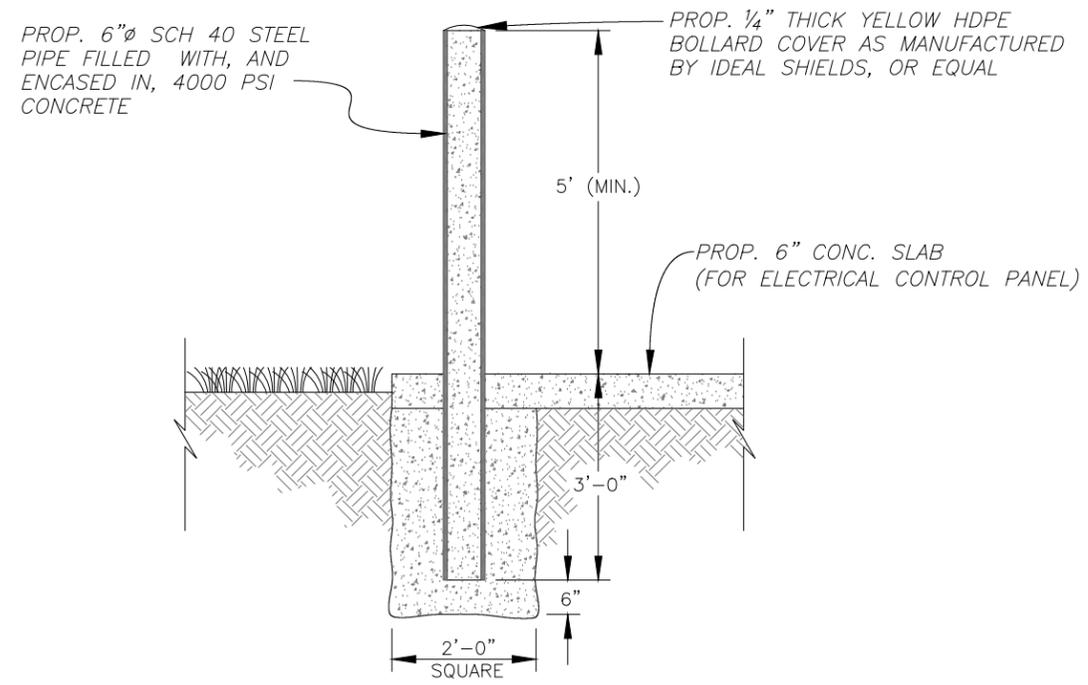
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1	06/26/15	REVISED DETAIL "B"

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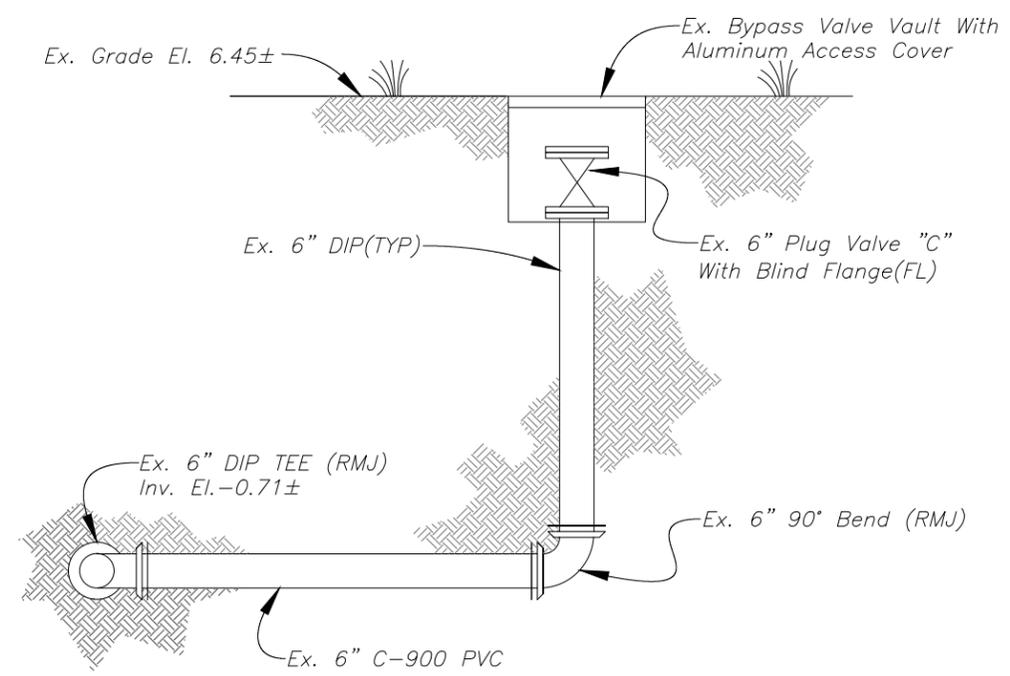
CITY of TAMPA
WASTEWATER DEPARTMENT

**MELROSE AVENUE PUMPING STATION
REPLACEMENT
PROPOSED PLANS - SECTION VIEW**

W.O.1000061
SHEET
8



PROPOSED BOLLARD DETAIL
3/8" = 1'

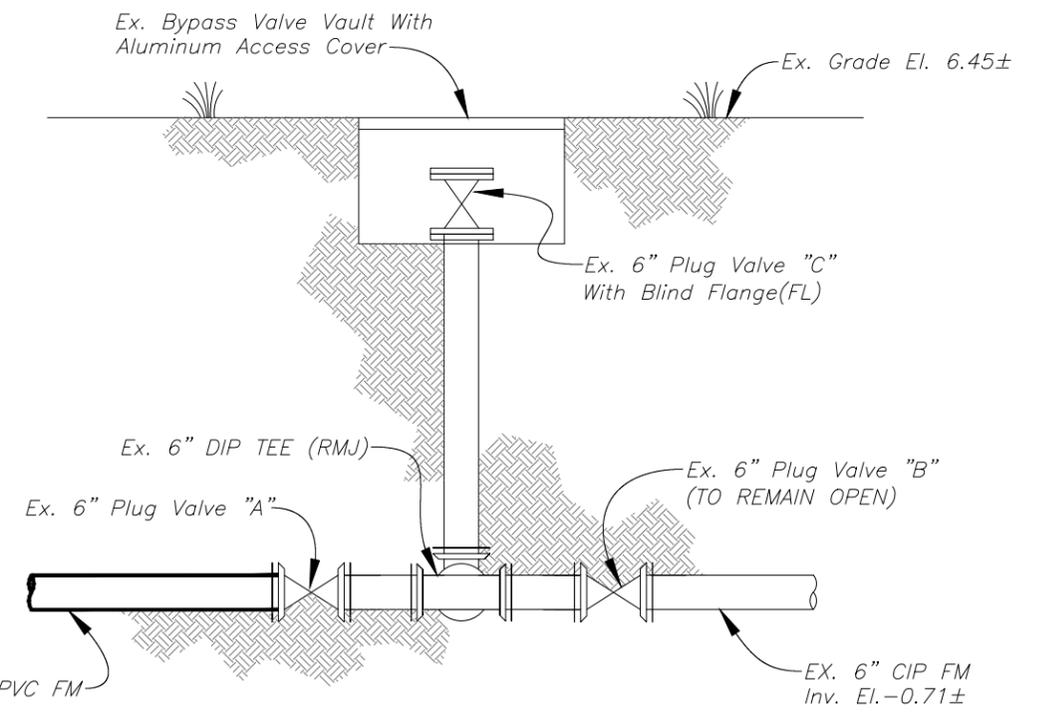


SECTION A-A
3/8" = 1'

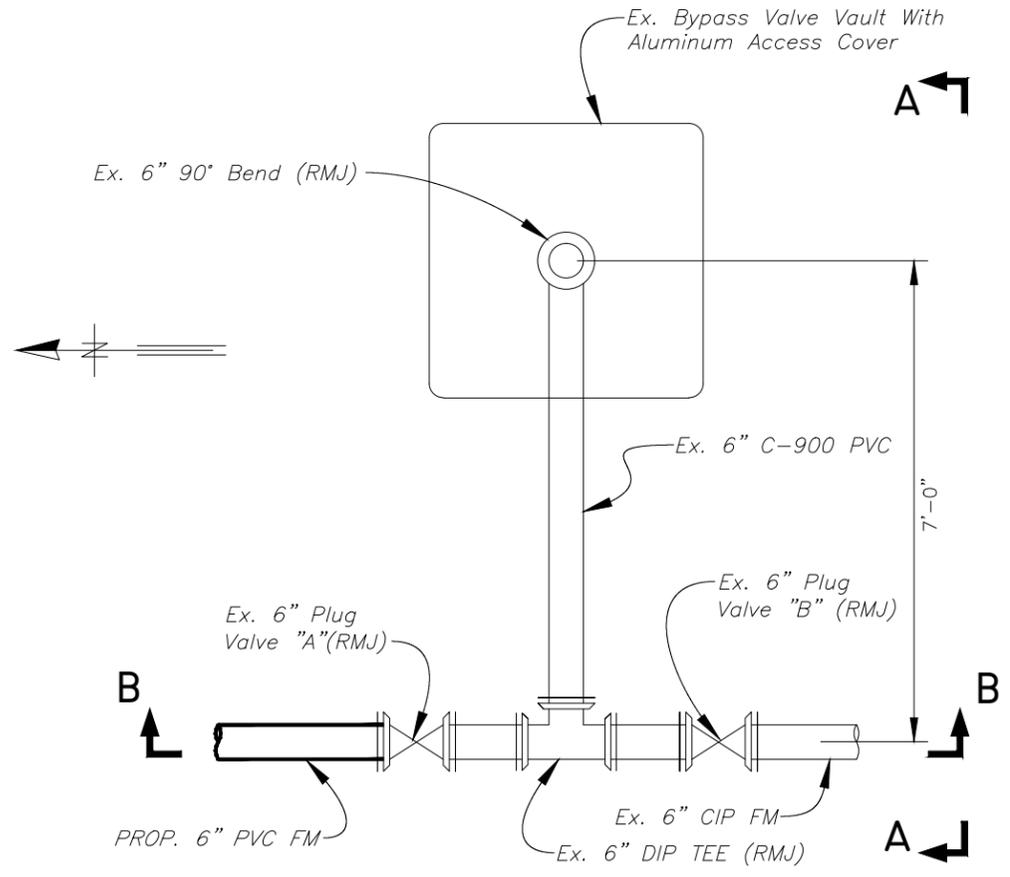
PROCEDURE FOR CONNECTION TO BYPASS ASSEMBLY:

- 1) CONTRACTOR SHALL VERIFY ACTUAL POSITION OF PLUG VALVE "C" BEFORE REMOVING BLIND FLANGE. THE CITY BELIEVES THE VALVE IS IN THE CLOSED POSITION. VALVE "C" SHALL BE CLOSED PRIOR TO STEP 2.
- 2) REMOVE 6" BLIND FLANGE AND CONNECT TO EXISTING PLUG VALVE "C"
- 3) OPEN PLUG VALVE "C"
- 4) CLOSE PLUG VALVE "A"
- 5) PLUG VALVE "B" TO REMAIN OPEN
- 6) START-UP BYPASS SYSTEM

AFTER CONSTRUCTION IS COMPLETE AND THE NEW PUMP STATION HAS BEEN TESTED AND APPROVED, PLUG VALVE "A" SHALL BE OPENED AND PLUG VALVE "C" SHALL BE CLOSED AND BLIND FLANGE INSTALLED.



SECTION B-B
3/8" = 1'



EXISTING BYPASS CONNECTION DETAIL - PLAN VIEW
3/8" = 1'

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JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CB	CITY of TAMPA WASTEWATER DEPARTMENT	MELROSE AVE. PUMPING STATION REPLACEMENT EXISTING BYPASS VALVE VAULT AND BOLLARD DETAILS	W.O.1000061
	3			DRN: BB			SHEET
	2			CKD:			19
	Δ	06/26/15	THIS SHEET ADDED BY ADDENDUM	DATE:			

E-Mail to Register as a Plan Holder and E-Mail All Questions to: ContractAdministration@tampagov.net

Sign-In Sheet Please Print

City of Tampa, Contract Administration Department

	Name	Organization	E-Mail OR Phone
1	Jody Gray	Tampa Contract Administration Dept.	jody.gray@tampagov.net
2	ALEX BOTTEL	RTD CONSTRUCTION	BIDS@RTDCONSTRUCTION.COM
3	Leigh Jones	" "	" "
4	JOHNNY GRANGER	GRANGER MAINT. + CONSR.	813-478-4826
5	John Babylea	Manatee Electric Inc (SUBE)	Johnreliableelectr@usa.com
6	Brad Pendergast	Advanced Energy Solutions	913-610-7963
7	CARI ANTHONY	MECH INTL SER	813 747 7868
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10	Ralph A Philbrook III	Ralph A Philbrook III LLC	philbrook3llc@aol.com
11	Nick Collins	COT CA	813-267-8211
12	Garrett Goldbury	TLL Diversified	ggoldbury@TLLdiv.com
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14	RICK COLE	SECORD	
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